Profectis
Technischer Kundendienst

QUELLE.

Serviceunterlage

Produkt-Nr.:
006.195-2

Typ/Privileg-Nr.:
VTC-CD 1018

MIDI-ANLAGE

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UTS-Nr.:          999          QUELLE
Best.Nr.:         0061952/01
Ger.Bez.:         UNIVERSUM MIDI-ANLAGE

GKz:                G  GERAET
WGT:              652  POWER PACK
KD-Sektor:          R  RUNDFUNK
BaumNr.:           00  KEIN DIAGNOSEBAUM VORHANDEN
Klassierung:      STK  STEREOKOMBINATION
IFW-FehlerGru.:   205  RDF.,VERST.,TB.,PHONO,CD,CB
Type/Privileg/Universum.Nr VTC-CD1018
Beschreibung
VK-Preis: 329.00

Serviceart:             01  PROFECTIS
Garantie fuer Kunden    12 Monate
Sondervereinbarungen:    0  SIEHE SERVICEART

Garantiereparatur       0004063  PROFECTIS GMBH
Sondervereinbarungen:         0  SIEHE SERVICEART

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Katalog                                              Seite
  Erst  014 HAUPTKATALOG H/W 2001                     0000
  Letzt 000 NOCH IM AKTUELLEN KATALOG                 0000

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Geraete Info:

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Technische Daten:

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Fehler:

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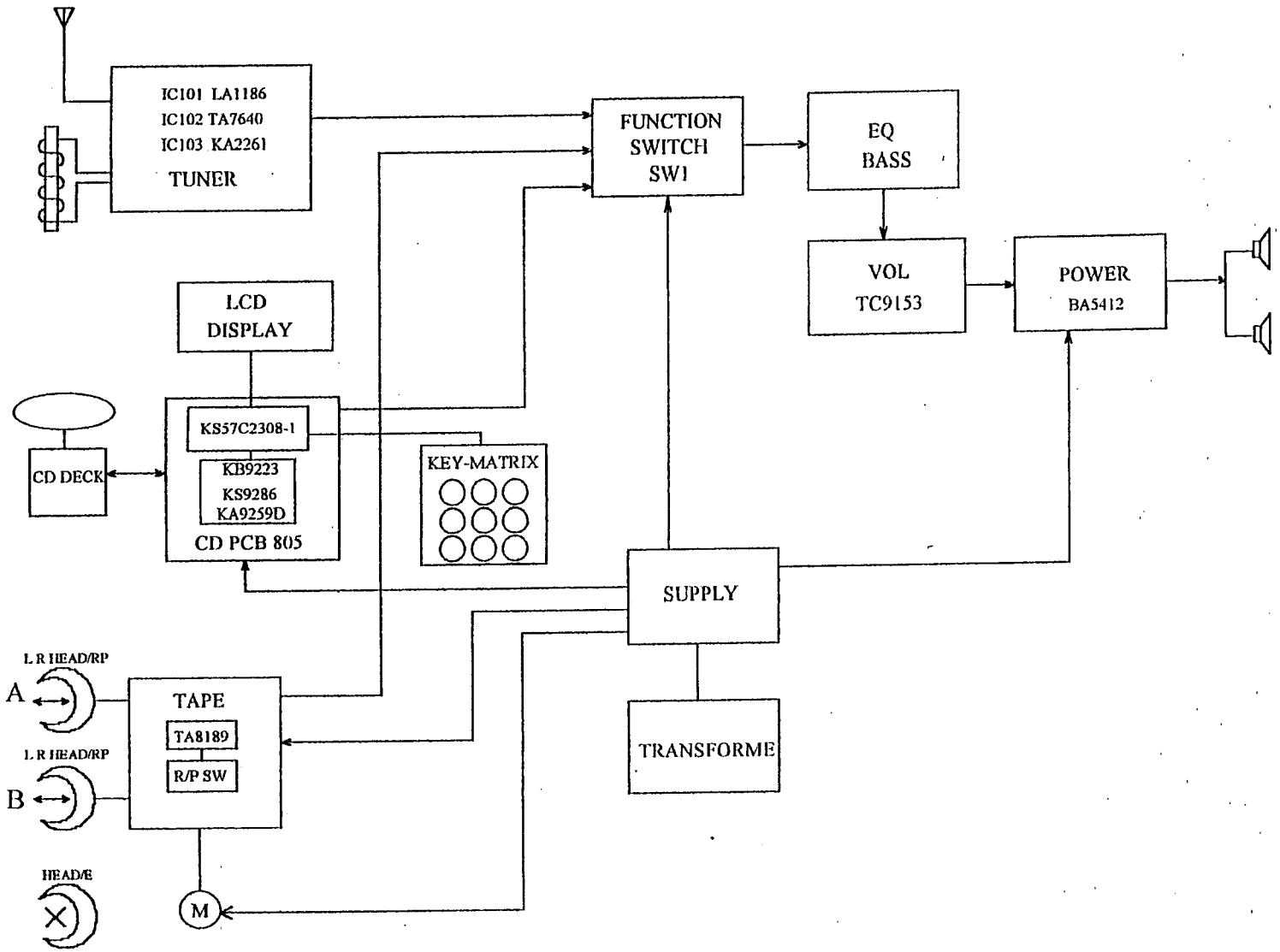
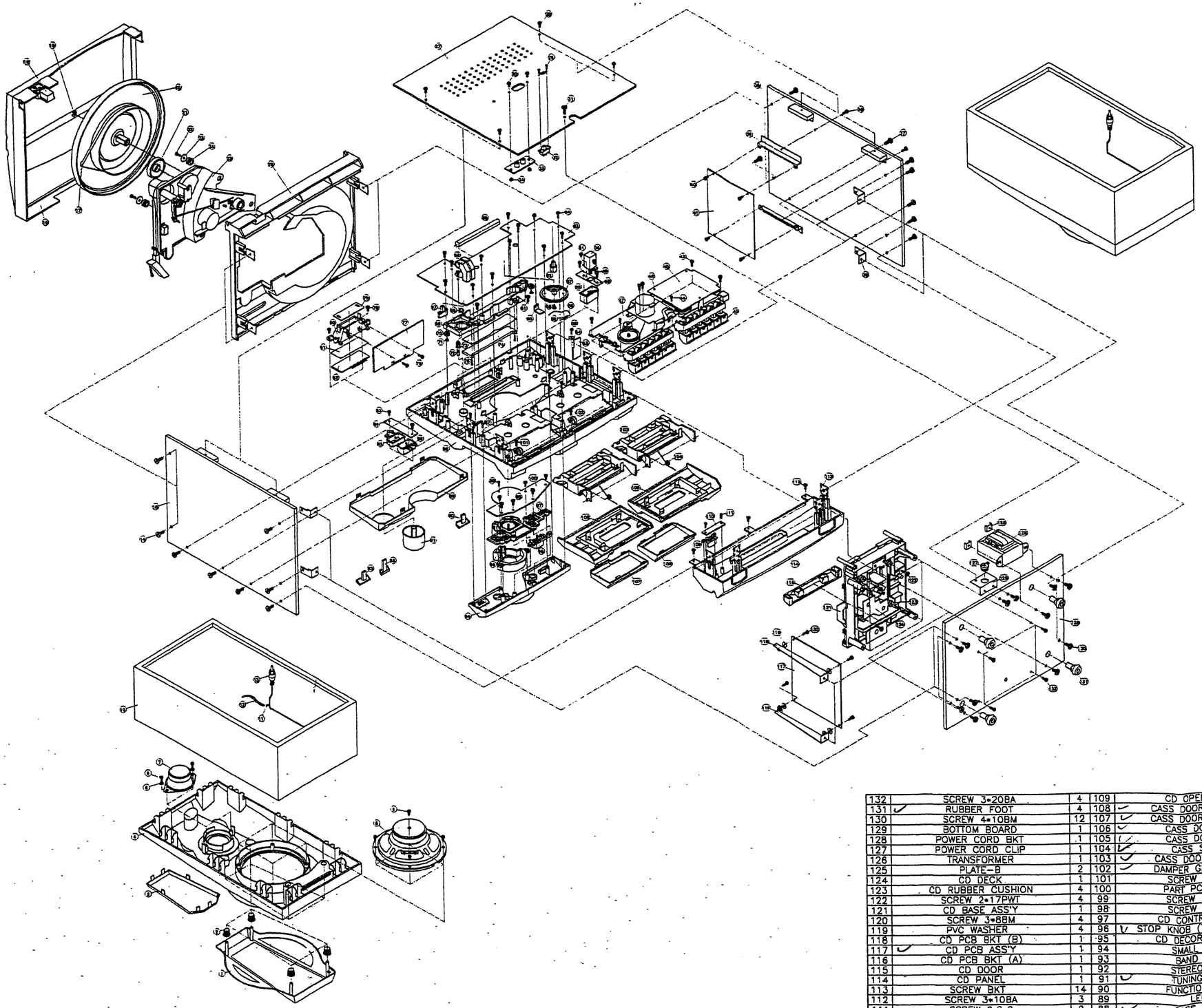


[redacted]有限公司	
内容	Block Diagram
HCD9901	开发部 [illegible]
日期	2001-6-4



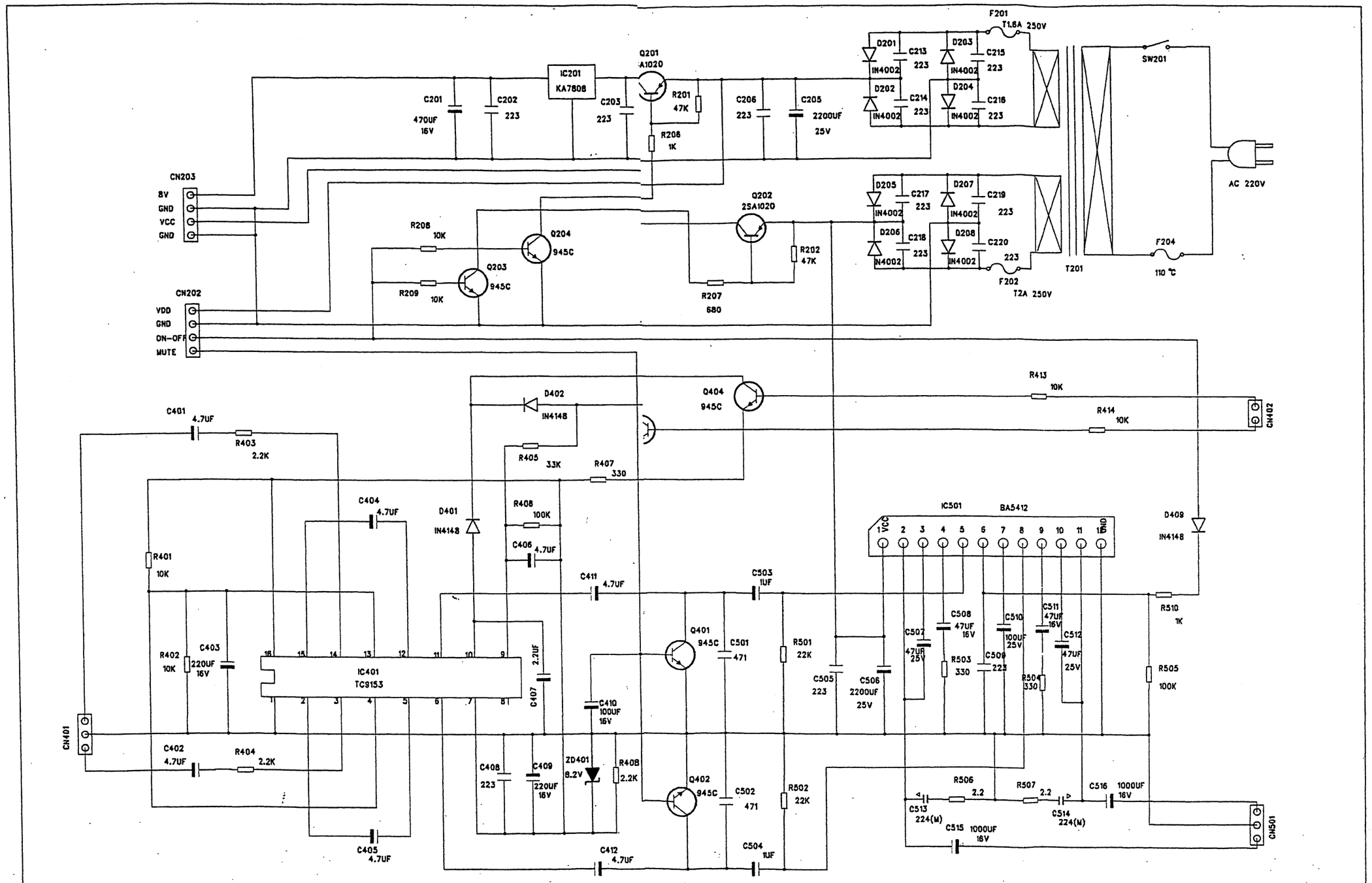
ITEM		DESCRIPTION	QTY.
86	✓	VOLUME KNOB (DOWN)	1
85	✓	VOLUME KNOB (UP)	1
84		VOLUME PCB	1
83		SCREW 3*10PA	2
82		LCD	1
81		DISPLAY INLAY	2
80		DISPLAY BKT	1
79		DISPLAY PCB (WHITE)	1
78		SCREW 3*10PA	2
77		DISPLAY PCB ASS'Y	1
76		SCREW 3*10PA	2
75		SCREW 2*6KT	2
74		TUNER LENS	1
73		TUNING INLAY	1
72		DIAK SHAFT ASS'Y	1
71		SCREW 1.7*6PWA	2
70	✓	DIAL PULLEY	2
69		TUNING BKT (WHITE)	1
68		NUT	1
67	✓	DUBBING KNOB	1
66	✓	FERRITE BAR HOLDER	2
65		FERRITE BAR	1
64		SCREW 3*10PA	14
63		MAIN PCB ASS'Y	1
62	✓	BASS KNOB	1
61		SCREW 3*10PA	2
60	✓	POINTER (TRANSPARENT)	1
59		TUNING SPRING	1
58		SCREW 2.6*4TT	1
57		TUNING DRUM	1
56		THREAD	1
55		SCREW 3*10BA	1
54		METAL WASHER 10*3.2*1	1
53		PHONE PCB ASS'Y	1
52	✓	POWER KNOB	1
51		SCREW 3*5BM	2
50		POWER SWITCH	1
49		SCREW 3*10PA	2
48		POWER SWITCH BKT	1
47		CASS DECK	1
46		SCREW 2.6*6TT	3
45		CASS PCB ASS'Y	1
44		SCREW 2.6*10PA	2
43		CASS KEY GROUP 11*1	1
42		SCREW 3*10BA	5
41		SIDE PCB ASS'Y	1
40		SCREW 3*8BM	4
39		SIDE PCB BKT	2
38		WOODEN BKT	4
37		SCREW 4*10BM	8
36		SCREW 3*8BM	2
35		SIDE BOARD (L)	1
34		NUT M3	4
33		SPEAKER JACK	1
32		BEAT CUT	1
31		SCREW 3*10BM	1
30		SCREW 3*8TT	4
29		SCREW 2*6BM	2
28		SCREW 3*10PWA	4
27		BACK BOARD	1
26		TURNTABLE BASE	1
25		HOUSING GROUP	1
24		RUBBER CUSHION	3
23		METAL WASHER 10*3.2*1	3
22		SCREW 3*10PH	3
21		SMALL COVER	1
20		TURNING PLATE	1
19		METAL WASHER	1
18		HINGE GROUP	1
17		BELT	1
16		DUST COVER	1
15		SIDE BOARD (R)	1
14		SCREW 4*10 BM	8
13		SPEAKER PLUG	2
12		LEADER TIER	2
11		METAL HOOK	2
10	✓	SPEAKER BOX	2
9		SCREW 4*12 BA	8
8		SPEAKER (L)	2
7		SPEAKER (S)	2
6		SCREW 3*10 BA	4
5		METAL WASHER 6.5*3.5*0.5	4
4	✓	SPEAKER PANEL	2
3		METAL GRIL	2
2		RUBBER PLUG	8
1	✓	SPEAKER GRIL	2

ITEM		DESCRIPTION	QTY.
132		SCREW 3*20BA	4
131	✓	RUBBER FOOT	4
130		SCREW 4*10BM	12
129		BOTTOM BOARD	1
128		POWER CORD BKT	1
127		POWER CORD CLIP	1
126		TRANSFORMER	1
125		PLATE-B	2
124		CD DECK	1
123		CD RUBBER CUSHION	4
122		SCREW 2*17PWT	4
121		CD BASE ASS'Y	1
120		SCREW 3*8BM	4
119		PVC WASHER	4
118		CD PCB BKT (B)	1
117	✓	CD PCB ASS'Y	1
116		CD PCB BKT (A)	1
115		CD DOOR	1
114		CD PANEL	1
113		SCREW BKT	14
112		SCREW 3*10BA	3
111		SCREW 2.6*8	2
110		CD OPEN PCB	1
109		CD OPEN KNOB	1
108	✓	CASS DOOR LENS (L)	1
107	✓	CASS DOOR LENS (R)	1
106	✓	CASS DOOR (R)	1
105	✓	CASS DOOR (L)	1
104	✓	CASS SPRING	2
103	✓	CASS DOOR HOLDER	2
102	✓	DAMPER GEAR ASS'Y	2
101		SCREW 3*10BA	2
100		PART PCB ASS'Y	1
99		SCREW 2.6*8PA	1
98		SCREW 3*10PA	6
97		CD CONTROL KNOB	1
96	✓	STOP KNOB (TRANSPARENT)	1
95		CD DECORATE KNOB	1
94		SMALL PANEL	1
93		BAND KNOB	1
92		STEREO KNOB	1
91	✓	TUNING KNOB	1
90		FUNCTION KNOB	1
89		LENS	1
88	✓	CASS PANEL	1
87		SCREW 2.6*8PA	4

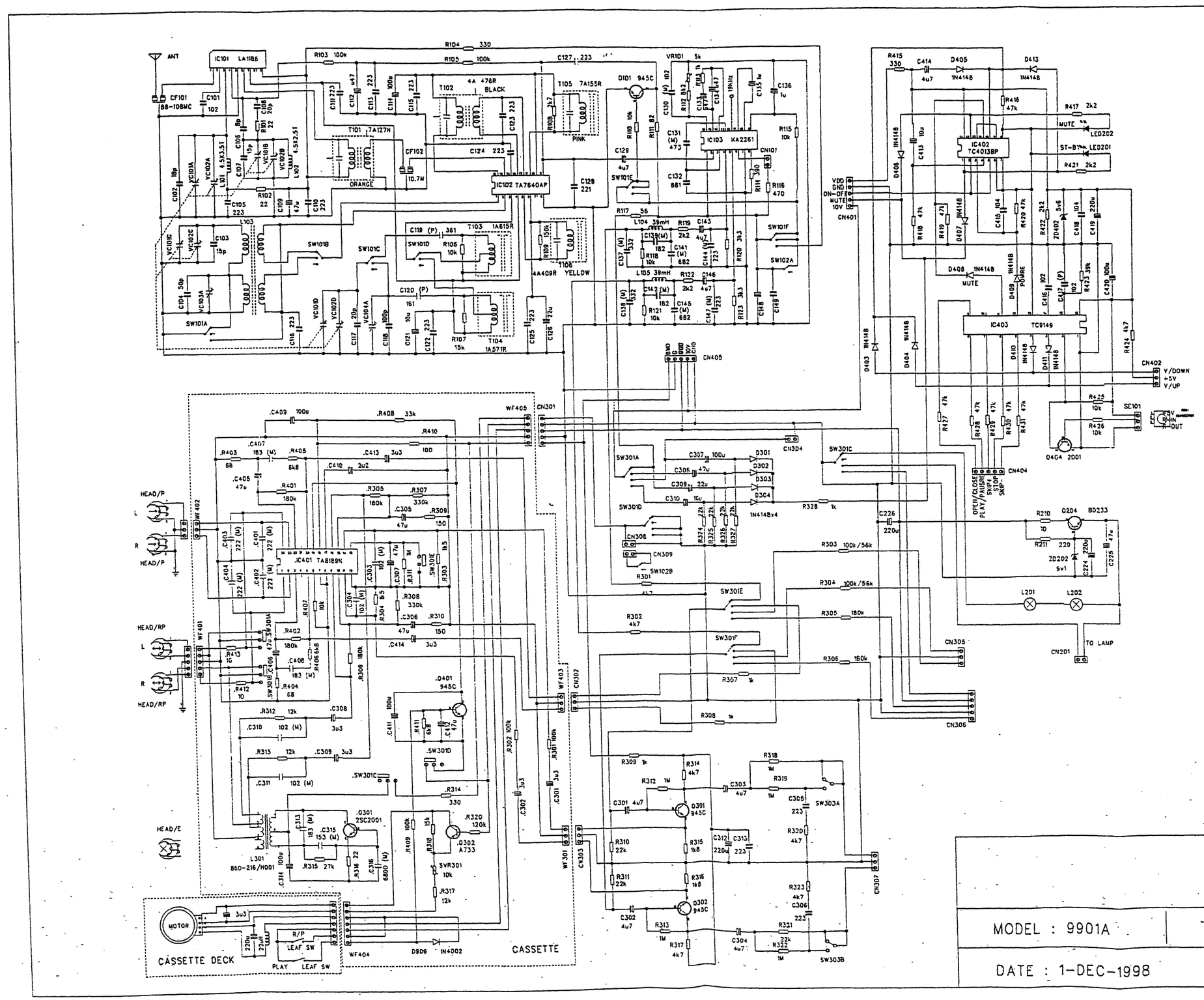
SCALE	1/3	DRAWN BY	BILL XIE
UNIT	MM	DATE	1999.10.25.

MODEL NO.:

MIC-9901

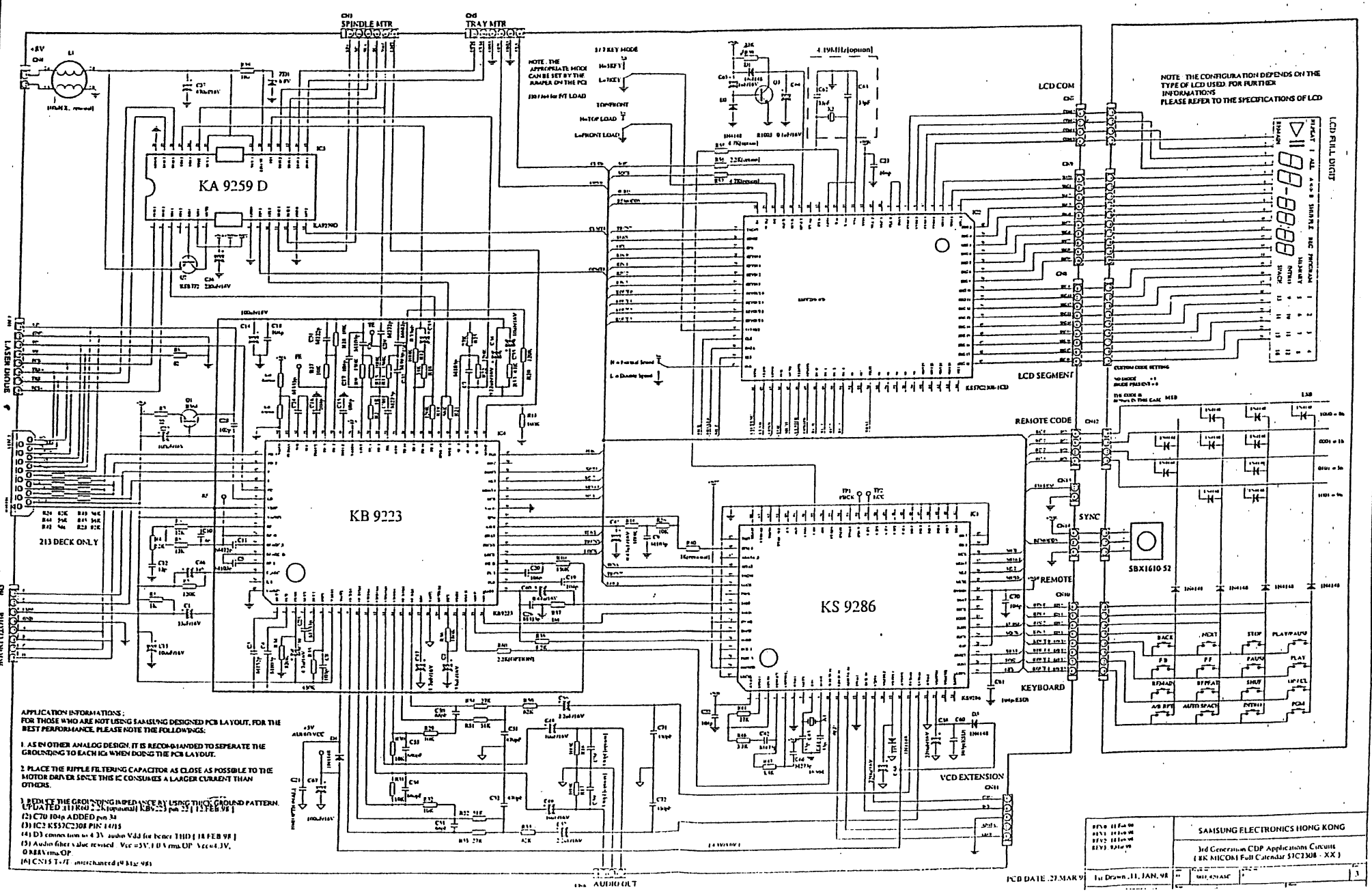


MODEL NUMBER : HCD9901PO PAGE:2/2


ANT
IC101 LA1185
CF101 88-108MC
R103 100k
R104 330
R105 100k
C127 223
VR101 5k
Q101 945C
T102 4A 476R BLACK
T105 7A155R PINK
T101 7A127N ORANGE
CF102 10.7M
IC102 TA7640AP
IC103 KA2261
CN101
SW101E
SW101F
SW102A
SW101B
SW101C
SW101D
SW101A
T103 1A615R
T104 1A571R
T106 4A409R YELLOW
L103
L104 39mH
L105 39mH
VDD
GND
ON-OFF
MUTE
10V
CN401
IC402 TC4013BP
MUTE
ST-BY
LED202
LED201
D405 1N4148
D413 1N4148
D408 1N4148 MUTE
IC403 TC9149
CN402
V/DOWN
+5V
V/UP
SE101
Q404 2D01
CN405
WF405
CN301
IC401 TA8189N
HEAD/P
HEAD/RP
HEAD/E
WF402
WF401
WF403
WF404
WF301
CN302
CN303
CN304
CN307
CN308
CN309
SW301A
SW301B
SW301C
SW301D
SW301E
SW301F
SVR301 10k
L301 860-216/H001
Q301 945C
Q302 945C
Q401 945C
0301 2SC2001
0302 A733
D301
D302
D303
D304 1N4148x4
D306 IN4002
CN404
OPEN/CLOSE
PLAY/PAUSE
STOP
SKIP-
CN305
CN306
TO LAMP
CN201
L201
L202
Q204 BD233
ZD202 5v1
MOTOR
CASSETTE DECK
R/P LEAF SW
PLAY LEAF SW
CASSETTE
MODEL : 9901A
DATE : 1-DEC-1998

3RD GENERATION CDP SERVO MAIN BOARD

CONTROL BOARD


KA 9259 D
KB 9223
KS 9286
LCD SEGMENT
LCD COM
LCD FULL DIGIT
REMOTE CODE
SYNC
REMOTE
KEYBOARD
VCD EXTENSION
SBX1610-52
213 DECK ONLY
NOTE : THE CONFIGURATION DEPENDS ON THE TYPE OF LCD USED. FOR FURTHER INFORMATIONS PLEASE REFER TO THE SPECIFICATIONS OF LCD
APPLICATION INFORMATIONS ;
FOR THOSE WHO ARE NOT USING SAMSUNG DESIGNED PCB LAYOUT, FOR THE BEST PERFORMANCE, PLEASE NOTE THE FOLLOWINGS:
1. AS IN OTHER ANALOG DESIGN, IT IS RECOMMANDED TO SEPERATE THE GROUNDING TO EACH ICs WHEN DOING THE PCB LAYOUT.
2. PLACE THE RIPPLE FILTERING CAPACITOR AS CLOSE AS POSSIBLE TO THE MOTOR DRIVER SINCE THIS IC CONSUMES A LARGER CURRENT THAN OTHERS.
3. REDUCE THE GROUNDING IMPEDANCE BY USING THICK GROUND PATTERN.
UPDATED : (1) Rnf 2.2k (optional) KBV223 feb 25 [12 FEB 98]
(2) C70 104p ADDED pin 38
(3) IC2 KS57C2308 PIN 14/15
(4) D3 connection to 4.3V audio Vdd for better THD [18 FEB 98]
(5) Audio filter value revised Vcc=5V, 1.0 Vrms OP Vcc=4.3V, 0.88Vrms OP
(6) CN15 T+/T- interchanged [9 Mar 98]
SAMSUNG ELECTRONICS HONG KONG
3rd Generation CDP Application Circuit
(8K MICOM Full Calendar S3C7308 - XX)
PCB DATE :27.MAR.98
1st Drawn :11. JAN. 98

SAMSUNG
GENERATION III
COP SOLUTIONS SEHK
KS9286
KB9223
KS57C2308-ICD
KA9258/90
KA9259
VCD EXTENSION C68
CN10 KEYBOARD
CN8 LCD SEGMENT
CN9 LCD SEGMENT
CN12 REMOTE CODE
CN13 SYNC
CN14 LCD
CN15 ELCO-16
CN1
CN2
CN3
CN4
CN5 TRAY MTR
CN6 AUDIO OUT
CN7
COM 0 1 2 3
SEG 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
SPINDLE MTR
F/T LOAD
OPTION
AUDIO OPTION
AUDIO VCCOPTION
FOR KA9259 ONLY
B31A ONLY
104(EMC)
VCC
GND
+5V
+8V
XIN
XOUT
SCK
SDATA
RCK
KEY
MUTE
PBCK
PDAT
PLRCK